

1313 Sherman Street, Room 215 Deriver, CO 80203

February 5, 2015

(b) (6)

Region 8 Ecosystems Protection & Remediation Program Support Office 1595 Wynkoop Street Denver, Colorado 80202-1129

RE: Grant Application for Upper Animas Watershed Mines - Red and Bonita Mine

Dear (b) (6)

Enclosed is the Colorado Division of Reclamation, Mining and Safety's grant application for the project titled "Upper Animas Watershed Mines - Red and Bonita Mine."

Please let us know if you have any questions during the review.

Thank you.

Sincerely,







1313 Sherman Street, Room 215, Denver, CO 80203 P 303.866.3567 F 303.832.8106 http://mining.state.co.us John W. Hickenlooper, Governor | Mike King, Executive Director | Virginia Brannon, Director

OMB Number: 4040-0004 Expiration Date: 8/31/2016

Application for Federal Assista	ince SF	-424				
* 1. Type of Submission:	* 2. Type	e of Application.	* If Revision, select appropriate letter(s)			
Preapplication	⊠ New					
Application	Continuation .		* Other (Specify):			
Changed/Corrected Application	Re	vision	many an antique and plantacology alteracy to the local leads to the lo			
* J. Date Received:	4. Applic	ant Identifier:				
02/05/2015						
5a. Federal Entity Identifier:	Ng too akaza aya qara Marini M		5b. Federal Award Identifier;			
State Use Only:	Material Constitutions					
5. Date Received by State.		7. State Application I	Identifier:]		
8. APPLICANT INFORMATION:						
*s. Legal Name: Natural Resource	es, co	Dept of		$\overline{}$		
* b. Employer/Texpayer Identification Nut			*c. Organizational DUNS:			
(b) (6)			(b) (6)			
d. Address:				******		
*Sireet1: 1313 Sherman	Street			rustanis distina		
Street2: Suite 215						
* City: Denver						
County/Parish:	Million Control					
* State:			CO: Colorado			
Province:						
* Country:			USA: UNITED STATES			
* Zip / Postal Code: 80203-2243						
e. Organizational Unit:		6				
Cepariment Name:			Division Name:			
Natural Resources, CO Dept o) £		Reclamation, Mining & Safety			
f. Name and contact information of p	erson to	be contacted on ma	naiters involving this application:			
Prefix:		* First Name	•: (b) (6)			
Middle Name:				overest more conf		
* Last Name: (b) (6)						
Suffix:]					
Tile: Grants Officer						
Organizational Affisision:						
Reclamation, Mining & Safety						
* Telephone Number: 303-866-3567	xt. 0) (6)	Fax Number: 303-832-8106			
*Email: (b) (6) @stat	•.co.us					

Application for Federal Assistance SF-424	
9. Type of Applicant 1: Select Applicant Type:	
: State Government	
ype of Applicant 2: Select Applicant Type:	
	لـ
ype of Applicant 3: Select Applicant Type:	-
Other (specify):	
10. Name of Federal Agency:	
S Environmental Protection Agency	
1. Catalog of Federal Domestic Assistance Number:	
56.802	
FOA Title:	
Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements	
	·
12. Funding Opportunity Number:	
I/A	
Title:	
1/8	
3. Competition Identification Number:	
itle:	
4. Areas Affected by Project (Cities, Counties, States, etc.):	
San Tilan County Add Attachment Edwin Assertiment Town Assertiment	
15. Descriptive Title of Applicant's Project:	
The project funded under this cooperative agreement provides technical engineering support for a	
water impounding concrete bulkhead to be installed in the Red and Bonita Mine during 2015.	
Attach supporting documents as specified in agency instructions.	
Add Attachments Delete Attachments View Attachments	

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Application for	Federal Assistance	sF-424						
16. Congressional	Districts Of:							
*a. Applicant				*b, Prog	ram/Project	3		
Attach an additional	list of Program/Project Co	ongressional Distric				-	mkaangodamahamannongosahan cotari Mooning	
			Add Altachmen	nt Deskalar	etachoani	J Van	Augelstwick	
17. Proposed Proje	ect:					y		
* e. Start Dete: 03	/01/2015			*	b. End Date	12/31/	2016	
18. Estimated Fun	ding (5):							
* a. Federal		25,000.00						
* b. Applicant		0.00						
*c. State		0.00						
*d. Local		0.00						
*e. Other		0.00						
*f. Program Income		0.00						
°g. TOTAL		25,000.00						
a. This applica b. Program is:	n Subject to Review By ation was made available subject to E.O. 12372 b not covered by E.O. 123	e to the State und ut has not been s	er the Executive (order 12372 Pro	cess for rev	view on].
	nt Delinquent On Any	Federal Debt7 (II	/ "Yes," provide e	xplanation in at	tachment.)			
!	⊠ No							
If "Yes", provide es	xplanation and attach		Add Altechtra	et Deskate i	Nte-Armin	Viens	/ Allachament	•
21. "By signing this application, I certify (1) to the statements contained in the list of certifications" and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances" and agree to comply with any resulting terms if I accept an award. I am aware that any false, flotitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative peneities. (U.S. Code, Title 216, Section 1001) ** I AGREE "The list of certifications and assurances, or an internet sits where you may obtain this list, is contained in the announcement or agency specific instructions.								
Authorized Repres	seniative:							
Prefix:		· Fir	st Name (D) (G)					
Middle Name:					****			
'Last Name: (5)	(6) 1							
Suffix:								
* Title:	Active & Ind	ctive Mine Pr	c yran					
* Telephone Numbe	c (303(b)(6)			Fax Number:				
* Emall: (b) (6	@atate.co.us							
* Signature of Autho	rized Representative:	(b) (6)				* Date Signed	<u>5 /F.S./15</u>

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BUDGET INFORMATION - Non-Construction Programs

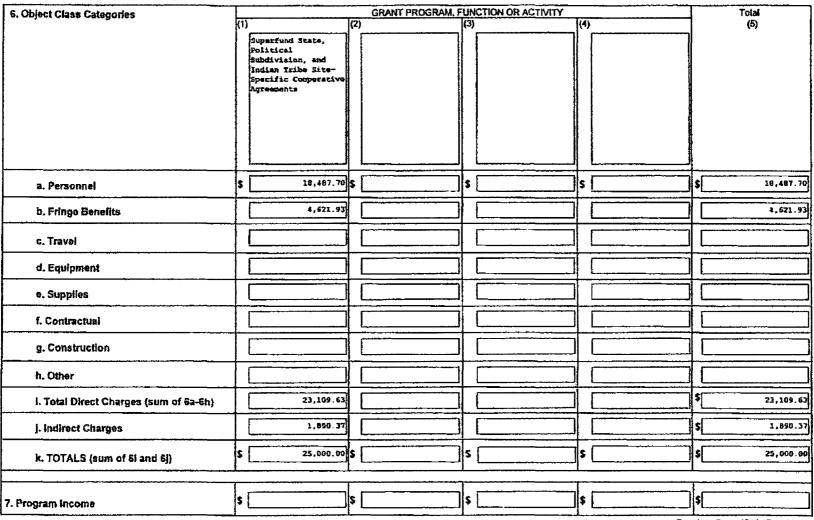
OMB Number: 4040-0005 Expiration Date: 06/30/2014

SECTION A - BUDGET SUMMARY

Grant Program Function or	Catalog of Federal Domostic Assistance	Estimated Unob	ligated Funds		New or Revised Budget			
Activity (8)	Number (b)	Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)		
1. Superfund State, Political Subdivision, and Indian Tribe Site- Specific Cooperative Agraements		\$	\$	\$ 25,000.00		\$ 25,000.00		
2.								
3.			·					
4.								
5. Totals		\$	\$	\$ 25,000.00	\$	\$ 25,000.00		

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SECTION B - BUDGET CATEGORIES



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SECTION C - NON-FEDERAL RESOURCES									
(a) Grant Program			(b) Applicant	L	(c) State	1	d) Other Sources		(e)TOTALS
8.	\$			\$		s		S	
9.									
10.									
11.									
12. TOTAL (sum of lines 8-11)		\$		\$		\$		\$	
		0.	FORECASTED CASH	NE		т—			
	Total for 1st Year		1st Quarter	l_r	2nd Quarter	Ţ	3rd Quarter	L	4th Quarter
13. Federal	S	5		\$[\$		S	
14. Non-Federal				ĻĻ		Ļļ		_	
15. TOTAL (sum of lines 13 and 14)	S	\$		\$		\$		\$	
	GET ESTIMATES OF FE	DE	RAL FUNDS NEEDED	FOI	~~~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		***************************************		
(a) Grant Program		\vdash	(b)First	Т	FUTURE FUNDING (c) Second	PEI	RIODS (YEARS) (d) Third	Т	(e) Fourth
16.		\$		\$[(0,000)	\$[\$	
17.								-	
18.									
19.						$\frac{1}{2}$			
20. TOTAL (sum of lines 16 - 19)		\$	L	\$[\$[\$	
SECTION F - OTHER BUDGET INFORMATION 21. Direct Charges: 22. Indirect Charges:									
23. Remarks:									

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OMB Number: 4040-0807 Expiration Date 06/30/2014

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gethering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances, if such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

- Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
- 2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
- Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
- 6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C.§§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation

- Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U. S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale. rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
- 7. Will comply, or has already compiled, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
- Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

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- Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
- 10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
- 11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (1) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-
- Will comply with the Wild and Scenic Rivers Act of 1958 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.

- Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §5469s-1 at seq.).
- Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
- 15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
- Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
- Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
- Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
- 19. Will comply with the requirements of Section 105(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE
(b) (6)	(B)(S) Active & Inactive Nine Program
APPLICANT ORGANIZATION	DATE SUBMITTED
Colorado Division of Reclamation, Hining 4 Safety	3/9EB/2015

Standard Form 4248 (Rev. 7-97) Back



United States ENVIRONMENTAL PROTECTION AGENCY Washington, DC 20480

OMB Control No. 2030-0020 Approval expires 08/30/2017

EPA Project Control Number

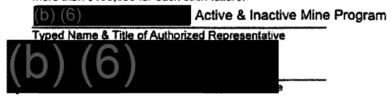
CERTIFICATION REGARDING LOBBYING

CERTIFICATION FOR CONTRACTS, GRANTS, LOANS AND COOPERATIVE AGREEMENTS

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL. *Disclosure Form to Report Lobbying,* in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including sub-contracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31 U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



The public reporting and recordkeeping burden for this collection of information is estimated to average 15 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460, Include the OMB control number in any correspondence. Do not send the completed form to this address.

EPA Form 6600-06 (Rev. 06/2014) Previous editions are obsolete.

	U.S. ENVIRONMENTAL PROTECTION AGENCY	
	Weshington, DC 20460	
	Presward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance Note: Read instructions on other side before completing form.	
l.	Applicant/Recipient (Name, Address, State, Zip Code).	DUNS No.
The same of the sa	al Resources, Co Dept/ Reclamation, Mining & Safety	(b) (6)
II. Yes	Is the applicant currently receiving EPA assistance?	
III.	List all civil rights lawsuits and administrative complaints pending against the applicant/recipient that allege discrimina color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 instructions on reverse side.) None	tion based on race, and 7. See
IV.	List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year the discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please d action taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7. See instructions on rev	escribe all corrective
	None	
V.	List all civil rights compliance reviews of the applicant/recipient conducted by any agency within the last two years are review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40	
	None	
VI.	Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) being Yes	ow.
	a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and construct accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VII(b). Yes b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily access persons with disabilities, explain how a regulatory exception (40 C.F.R. § 7.70) applies.	NO ible to and usable by
VII.	Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color age, or disability in its programs or activities? (40 C.F.R. § 5.140 and § 7.95) Yes No	, national origin, sex,
	 a. Do the methods of notice accommodate those with impaired vision or hearing? YES NO b. Is the notice posted in a prominent place in the applicant's offices or facilities or, for education programs and activitive periodicals and other written communications? YES NO c. Does the notice identify a designated civil rights coordinator? YES NO 	ies, in appropriate
VIII.	Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or handicap of the (40 C.F.R. § 7.85(a))	population it serves?
IX.	Does the applicant/recipient have a policy/procedure for providing access to services for persons with limited English person (40 C.F.R. Part 7, E.O. 13166)	
<u>x.</u>	If the applicant/recipient is an education program or activity, or has 15 or more employees, has it designated an employe	The state of the s
<u> </u>	compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number	r, and telephone
	number of the designated coordinator. (b) (6) , ADA Coordinator, 1313 Sherman St, Ste	
XI.	If the applicant/recipient is an education program or activity, or has 15 or more employees, has it adopted grievance pro the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation for, or a copy of, the procedures. http://dnrwebspint/hr/Pages/default.aspx	or Internet address
		
	For the Applicant/Recipient	
false or	y that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully oble civil rights statutes and EPA regulations.	that any knowingly comply with all
A Sier	Datum of Authorized Official C. E. C	ONE /FEB/2015
-(10	7) (0)	
	For the U.S. Environmental Protection Agency	**
romali	reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted ance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies th L.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights state ions.	e preaward provisions
A. Si	gnature of Authorized EPA Official B. Title of Authorized EPA Official C. I	Date
Sec . r	note on reverse side	n roofdistingsreen valde wasters — an standingslings in letterwise en

EPA Form 4700-4 (Rev. 06/2014). Previous editions are obsolete.

Upper Animas Watershed Mines - Red and Bonita Mine - Technical Support
Colorado Department of Natural Resources/Division of Reclamation, Mining & Safety
Budget for Red and Bonita Mine near the Town of Silverton, San Juan County, Colorado

A. Personnel Computation

Position/TitleAnnual Salary% of time assigned to projectCostGeo-Engineer\$97,86018.9%\$18,487.70

(b) (6)

B. Fringe Benefits

Position.TitleFringe Benefit RatePersonnel CostTotal Fringe Benefit CostGeo-Engineer20%\$18,487.70\$4,621.93(b) (6)

Total Personnel & Fringe Benefits

\$23,109.63

C. Indirect Costs

 Indirect Cost Rate
 Base Computation
 Total Cost

 8.18%
 \$23,109.63 at 8.18%
 \$1,890.37

Total Project Costs

\$25,000.00

Upper Animas Watershed Mines - Red and Bonita Mine - Technical Support
Colorado Department of Natural Resources/Division of Reclamation, Mining & Safety
Work Plan for Red and Bonita Mine near the Town of Silverton, San Juan County, Colorado

The Colorado Division of Reclamation, Mining, and Safety (DRMS) has been tasked by EPA to provide technical engineering support for a water impounding concrete bulkhead to be installed in the Red and Bonita Mine during 2015. Additional work may include DRMS assistance with monitoring and assessing impacts caused by the Red and Bonita bulkhead on the hydrology of the Cement Creek and Upper Animas drainages, particularly related to discharges from vicinity mines.

Component 1: Red and Bonita bulkhead design.

(DRMS/(b) (6) 150 work hours):

\$8925.00

Output: A complete design and specification package will be prepared for a water impounding concrete bulkhead for the Red and Bonita Mine.

Component 2: Assist EPA with technical planning associated with underground workings preparations and contractor equipment requirements required to perform bulkhead construction.

(DRMS/(b) (6) 120.17 work hours):

\$7150.00

Output: Office and field engineering support including planning documents and meetings during and after the selection of the bulkhead installation contractor(s).

Component 3: Construction Phase Inspections

(DRMS (b) (6) , 150 work hours)

\$8925.00

Output: Perform onsite inspections during the construction phase on a periodic basis to evaluate the preparation of the bulkhead site and construction of the bulkhead and provide field engineering support if needed. This work will occur between July and October 2015.

TOTAL:

\$25,000.00

Basis for Estimated Costs:

(b) (6) Hourly: \$55.00 + 8.18% indirect = \$59.50

Timelines/Milestones:

Component 1 completed prior to 3/31/15

Component 2 completed prior to 8/1/15

Component 3 completed prior to 11/30/15

Progress Reports:

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The project closeout report will be submitted to the Project Officer on or before 3/31/16.

Upper Animas Watershed Mines - Red and Bonita Mine - Technical Support Colorado Department of Natural Resources/Division of Reclamation, Mining & Safety Biographical Sketch of Key Personnel for Red and Bonita Mine near the Town of Silverton, San Juan County, Colorado

Geological Engineer/Project Manager/Environmental Protection Specialist with the Colorado Division of Reclamation, Mining, and Safety.

Education b) (6) has been with the Division of Reclamation, Mining and Safety since (b) (6)

for the Division's Inactive

Mine Program (IMP).

Brief Duty Description: Provides staff authority and technical guidance, independent engineering review and oversight to IMP Director, and all IMP Program Managers and Staff. In the design and implementation of underground source-water controls and construction reclamation projects at sites statewide by using specific mining engineering expertise, knowledge and analysis of engineering and geotechnical designs, program safety and performance rules, and engineering and underground mining practices not possessed by other IMP Program Staff for underground construction projects.

Analyzes and guides the engineering design criteria, standard of care and best engineering practice in order to advise the Program Director and work unit staff's on technical problems alternative designs and solutions to maximize safety, constructability, cost management and effectiveness of underground source controls approaches by monitoring, measuring, and evaluating designs and input parameters, conducting research, and by monitoring performance and inspecting underground construction processes, materials and specifications during underground construction projects.

Ensures that reclamation plans developed by others will meet state of practice engineering requirements appropriate factors of safety and all State and Federal Rules and Regulations by analysis and crosschecking with established engineering best practices, testing technical assumptions and checking engineering and geotechnical calculations, and assuring that projects will result in acceptable standards of environmental protection.

Plans, manages and implements underground mine drainage control projects across team boundaries in IMP, EPA and CDPHE programs by coordinating schedules and assigning investigation, data collection and construction projects to other work unit members, inspectors, and by performing complex or critical response underground reclamation construction projects.

Tracks budgets, schedules and ensures that completion documentation for all underground mining reclamation projects meets prescribed formats and requirements by writing closeout reports, and reviewing project closeout reports and contract documentation prepared by other project managers for quality and completeness.

Form Approved OMB No: 2030-0020 Approval Expires 06 30/2017



U.S. ENVIRONMENTAL PROTECTION AGENCY Washington, DC 20460

KEY CONTACTS FORM

Authorized Representative: Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.

Name: (b) (6)
Title: (b) (6) Active & Inactive Mine Program
Complete Address: 1313 Sherman Street, Suite 215, Denver, CO 80203
Phone Number: 303-866-3567 xt (6) (6)
Payee: Individual authorized to accept payments.
Name:(b) (6)
Title: Grants Managor, Controller's Office
Mail Address: 1313 Sharman Street, Sulte 423, Denver, CO 80203
Phone Number: 303-866-3292 xt (6) (6)
Administrative Contact: Individual from Sponsored Program Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc.)
Name: (b) (6) Title: Grants Officer
Mailing Address: 1313 Sheman Street, Suite 215, Denver, CO 80203
Phone Number: 303-866-3567 xt (6) (6) FAX Number: 303-832-8106
E-Mail Address: (b) (6) @state.co.us
Principal Investigator: Individual responsible for the technical completion of the proposed work.
Name: (b) (6)
Title: Project Manager
Mailing Address: 1313 Sherman Street, Suite 216, Denver, CO 80203
Phone Number: 303-665-3567 xt (5) (6) FAX Number: 3(b) (6)
E-Mail Address: (b) (6) Relate to us
Web URL: mining state co.us

The public reporting and recordkeeping burden for this collection of information is estimated to average 30 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822°T), 1200 Pennsylvania Ava., NW, Washington, D.C. 20460, include the OMB control number in any correspondence. Do not send the completed form to this address.

EPA Form 5700-54 (Rev 06/2014)

NOTE: Required ONLY if applying for Superfund assistance programs.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20466 PROCUREMENT SYSTEM CERTIFICATION	Form Approved OMB No 2000-0453
APPLICANTS NAME Colorado Division of Reclamation, Mining & Safety	NUMBER
APPLICANT'S ADDRESS 1313 Sherman Street, Suite 215, Denver, CO 80203	Ambu yan a serapa perpandinkan kabulah dan yang perpandi
SECTION I - INSTRUCTIONS	
The applicant must complete and submit a copy of this form with each application Assistance. If the applicant has certified its procurement system to EPA within the end the system has not been substantially revised, complete Parl A in Section II, date the form. If the system has not been certified within the past 2 years, completing and date the form.	se past 2 years then sign and
SECTION II - CERTIFICATION	
A. I affirm that the applicant has within the past 2 years certified to EPA that its procurement system compiles with 40 CFR Part 35 and that the system meets the requirements in 40 CFR Part 35. The date of the applicant's latest certification is:	MONTHIYEAR
B. Based upon my evaluation of the applicant's procurement system, i, as authorized of the applicant: (Check one of the following:)	ed representative
1. CERTIFY that the applicant's procurement system will meet all of the requirement 35 before undertaking any procurement action with EPA assistance.	rements of 40 CFR
Please furnish citations to applicable procurement ordinances and regulations	
24-102-101 - 24-102-402, C.R.S., 1982 as amended	
2 DO NOT CERTIFY THE APPLICANT'S PROCUREMENT SYSTEM. The	pplicant
agrees to follow the requirements of 40 CFR Part 35, including the procedu Appendix A, and allow EPA presward review of proposed procurement actions EPA assistance.	ıres in
TYPED NAME AND TITLE (B) (G) Active & Inactive Mine Program (D)	9/FEB/2016

See instructions on reverse side

INTERGOVERNMENTAL	REVIEW	COMPLIANCE

BACKGROUND

On June 24, 1983, the Environmental-Protection Agency (EPA) published a final regulator (40 CFR Part 29 to implement Executive Order 12372, "Intergovernmental Review of Federal Program." That Order revoked and replaced the Intergovernmental consultation system requirement by OMB Circular A-95.

APPLICABILITY

The EFA program for which you are applying may be subject to your States intergovernmental review process and/or the consultation requirements of Section 204, Demonstration Cities and Metropolitan Development Act. Program eligible for State review and subject to Section 204 are identified on page 25304 of the FEDERAL REGISTER NOTICE (see back). If your application is under a program listed, you must contact your State Single Point of Contact to find out if the program was selected for coverage by the State process and, if the program was selected, to receive information about your State's review process requirements and procedures. The present roster of State Contacts is included in this package. If the program for which are applying is subject to Section 204, you must notify area wide metropolitan or regional planning agencies and/or general government units authorized to govern planning for th locale of your project of your intended application. EPA WILL NOT PROCESS YOUR APPLICATION WITHOUT EVIDENCE OF YOUR COMPLIANCE WITH THESE REQUIREMENTS.

A. Applicant Name: Colorado Division of Reclamation, Mining	g & Safety
B. Catalog of Federal Domestic Assistance	Number and Title
66. 802 Superfund State, Political Su (Number)	<u>abdivision, & Indian Tribe Site-Specific Co</u> op Agreement (Title)
1. Program subject o State Process:	Yes XX No
2. Application/Freapplication/Nutice of Inte	ent Sent to State Process On:
3. Program Subject to Section 204:	Yes XX No
	(over)
List of programs subject to Section 204. De Development Act.	monstration Cities and Metropolitan

Poor Quality Source Document

The following document images have been scanned from the best available source copy.

To view the actual hard copy, contact the Region VIII Records Center at (303) 312-6473.

APPENDIX A: EPA programs eligible for intergovernmental review

States that select any or all of the following EPA programs and activities for review enter their official intergovernmental review process. All programs are active as of September 2005. Programs which are also subject to Section 204 of the Demonstration. Unter that Metropolism Development Act are identified with an esterisk (*). Please note that the activities within the following EPA programs are excluded from intergovernmental review.

CFDAI	Program Title
65.54 l	* Air Follution Control Program Support
96-052	: tate Indoor Rodon Grants
tip. 655	Ovore Transport
56-414	Eurveys, Smidies, Investigations, Demonstrations and Special Furpose Activities relating to the Clean Air Act
of dis	Currenerity Action for a Renewed Environment (CAKE) Propular
66.130	Clean School Bus USA
66 110	Healthy Communities Grant Program
6r. 111	Regional Environmental Priority Projects
ene (चिन्द्री	Compliance Assistance Support for Services to the Regulated Community and Other Assistance Providers
GE SEN	Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
314.30	* Construction Grants for Wastewater Treatment Works
66 419	 Water Pollution Control State and Interstate Program Support
66.414	Surveys, Studies, Demonstrations and Special Purpose Grants - Section 1442 of the Safe Drinking Water Act
tin 432	State Public Water System Supervision
£6.473	* State Underground Water Source Protection
bridge	Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooperative Agreements - Section 104(b)(3) of the Clean Water Act
60.4%	Long Island Sound Program
5a 439	Traggreed Watershed Grants
(a) .4 54	* Water Quality Management Planning
16,457	* Mational Estuary Frogram
$ter_{col} t S$	Capitalization Grants for Clean Water State Revolving Lands
55.2550	* Nonpount Source Implementation Grants
10.00	* Regissial Wetland Program Development Grants
38. 12. 25	* National Wetland Program Development Grants
64.463	* Water Quality Cooperative Agreements
10- 4. 21	* Lawrapeaka Bay Program
4.	Windowship Operates Training South Program, Cardinatal Ast natures

20 41.5	- / girmywold come an Dimyni Agus, ough a ca, tand a come
96, 46h	Great Lakes Program
; 4.47!	* State Grants to Remiburse Operators of Small Water System: 165
	Training and Certification Costs
or all	* Beach Menitoring and Notification Program Implementation Counts
66-574	Water Protection Graphs to the States
(46.4	Guif of Mexico Program
14.476	Wetland Program Grants - State/Tribal Environmental Ontcome Wetland
	Demonstration Program
15 383	Assensment and Watershed Protection Program Grants
65.421	Lake Charrisin Hasin Program
186 240	Science To Action's Results (STAR) Research Program (
hr. 110	Survey , Studies, Investigations and Special Purpose Granti within the
	Office of Peseurch and Development '
e(-111	Office of Research and Development Consolidated Research/Liming
60.512	Regional Lawlienmental Monitoring and Assessment Program (RhMAP)
,,,,,	Percerch Projects
46.112	Greater Oppertunities: Research Program
35 5 6	P3 Award: National Student Design Competition for Sustainability
25 C (H)	* Environmental Interection Consolidated Grants - Program Support
56,694	Environmental Justice Small Grant Program
60.60	Performance Furthership Grants
58 66%	* Surveys, Studies, Investigations and Special Purpose Grants
10.1154	Protect on at Children and Older Adults (Elderly) from Environmental
	Pealth Risks
16.016	Surveys, Studier, Investigations and Special Purpose Grants within the
	Office of the Administrator
66.611	Environmental Policy and Innovation Grants
ын 707	TSCA Title IV State I and Grams Cortification of Lead-Based Point
	Professionals
60.728	Pollution Prevention Grants Program
n6 159	Melti Media Copacity Building Grants for States and Tribes
64.515	Childheed Blood-Lead Fereening and Lead Awareness (Leucstona)
	Contreach for Indian Tribes
P6.736	Surveys, Studies, Investigations, Training Demonstrations and
	Fducational Outreach
66.747	* Source Reduction Agristance
50 W.	Bayerdour Waste Management State Program Support
1.15 (\$1.25)	* Superfund State, Political Subdivision, and Indian Tribe Site-Specific
	Conformive Agreements
66,804	* Stete and Tribal Underground Storage Tanks Program
M. Bull	Leaking Underground Storage Tank Trust Fund Program.
tr Ma	Superfield Technical Assistance Grants (TAG) for Community Groups
	et National Priority List (NPL) Sites
14.5	Folial Souste Management Assistance Grams
40 pr 40	Sepertund State and Indian Virbe Core Program Cooperative Agreen en

1780354

60.315	Chemical Emergency Proparedness and Prevention (CEPP) Technical Assurance Chants Program						
65.812	Hazardous Waste Management Grant Program for Tribes						
46 813	Alternative of Innovative Treatment Technology Research						
	Demonstration, Training, and Hazardous Substance Research Grants						
50,8,4	Brownfields Training, Research, and Technical Assistance Grants and Cooperative Agreements						
co.816	Fieadquarters and Regional Underground Storage Tanks Program						
66,817	State and Tribal Response Program Grants						
66.818	Brownfields Assessment and Cleanup Cooperative Agreements						
6th.931	International Financial Assistance Projects Sponsored by the Office of						
	International Affairs						
60-940	Environmental Policy and State Innovation Grants						
M-956	Environmental Education and Training Program						
OTM#	Direct cevelopment activity title						
(NA)	 Real property acquisition or disposition by EPA, including obtaining import leases or essements. 						
es al	* Construction of new EPA facilities,						
10 - 5. 6876	* FPA issued plans and permits which do not impact interstate areas.						
,	to a sound plants and permits which to not impact interstate incies,						

Selection is limited to proposals administered by the Office of Research and Development which (a) require an Environmental Impact Statement (EIS), or (b) do not require an EIS but will be newly initiated at a particular site and require unusual measures to limit the possibility of adverse exposure or hazard to the general public; or (c) have a unique geographic focus and are directly relevant to the governmental responsibilities of a State or local government within that geographic area. Otherwise, national research programs are exempt from review.



United States Department of the Interior

NATIONAL BUSINESS CENTER Indirect Cost Services 2180 Harvard Street, Suite 430 Sacraniento, CA 95815



June 20, 2014

(b) (6)

State of Colorado
Department of Natural Resources
1313 Sherman Street, Room 718
Denver, CO 80203

Dear (b) (6)

Enclosed is the signed original negotiated indirect cost rate agreement that was processed by our office. If you have any questions concerning this agreement, please refer to the signature page for the name and contact number of the negotiator.

As a recipient of federal funds, you are required to submit Indirect Cost Proposals on an annually basis. Proposals are due within 6 months after the close of your fiscal year end and are processed on a first-in, first-out basis.

Common fiscal year end dates and proposal due dates are listed below:

Fiscal Year End Date	Proposal Due Date
September 30th	March 31 ^{si}
December 31 st	June 30 th
June 30 th	December 31 st

Please visit our Web site at http://www.doi.gov/ibc/services/Indirect Cost Services for guidance and updates on submitting future indirect cost proposals. The website includes helpful tools such as a completeness checklist, indirect cost and lobbying certificates, sample proposals, excel worksheet templates, and links to other Web sites.



Ref: J: States & Local Gov Colorado Colorado Department of Natural Resources (Conrc202) Conr-Issue Ltr.FY15.doc

Phone: (916) 566-7111 Fax: (916) 566-7110



E-mail: ICS@nbc.gov Internet: http://www.aqd.nbc.gov/ics

State and Local Governments Indirect Cost Negotiation Agreement

EIN: 84-0644739

Organization:

Date: June 20, 2014

State of Colorado Department of Natural Resources 1313 Sherman Street, Room 718 Denver, CO 80203 Report No(s) .: 14-A-0841

Filing Ref.:

Last Negotiation Agreement dated July 10, 2013

The indirect cost rates contained herein are for use on grants, contracts, and other agreements with the Federal Government to which 2 CFR 225 (OMB Circular A-87) applies, subject to the limitations in Section II.A. of this agreement. The rates were negotiated by the U.S. Department of the Interior, Interior Business Center, and the subject organization in accordance with the authority contained in 2 CFR 225.

Section I: Rates

	Effective Period				Applicable	Federal
Туре	From	То	Rate*	Locations	s To	%in Base
Fixed Carryforward	07/01/14	06/30/15	3.59%	All	1/	2.57%
Fixed Carryforward	07/01/14	06/30/15	8.18%	A11	2/	43.07%
Fixed Carryforward	07/01/14	06/30/15	92.78%	All	3/	0.00%
Fixed Carryforward	07/01/14	06/30/15	33.09%	All	4/	1.68%
Fixed Carryforward	07/01/14	06/30/15	4.45%	All	5/	0.85%
Fixed Carryforward	07/01/14	06/30/15	10.76%	All	6/	1.13%
Fixed Carryforward	07/01/14	06/30/15	33.15%	All	7/	22.89%
Pixed Carryforward	07/01/14	06/30/15	29.22%	All	8/	17.24%
1/ Executive Director's Office (EDO)			5/ Water Resources			
2/ Reclamation Mining & Safety			6/ Oil & Gas			
3/ State Land Board		7/ Geological Survey				
4/ Water Conservati		8/ Parks & Wildlife (PR/DJ)				

^{*}Base: Total direct salaries and wages, including fringe benefits.

Treatment of fringe benefits: Fringe benefits applicable to direct salaries and wages are treated as direct costs; fringe benefits applicable to indirect salaries and wages are treated as indirect costs.

Section II: General

Page 1 of 3

A. Limitations: Use of the rates contained in this agreement is subject to any applicable statutory limitations. Acceptance of the rates agreed to herein is predicated upon these conditions: (1) no costs other than those incurred by the subject organization were included in its indirect cost rate proposal, (2) all such costs are the legal obligations of the grantee/contractor, (3) similar types of costs have been accorded consistent treatment, and (4) the same costs that have been treated as indirect costs have not been claimed as direct costs (for example, supplies can be charged directly to a program or activity as long as these costs are not part of the supply costs included in the indirect cost pool for central administration).

- B. Audit: All costs (direct and indirect, federal and non-federal) are subject to audit. Adjustments to amounts resulting from audit of the cost allocation plan or indirect cost rate proposal upon which the negotiation of this agreement was based will be compensated for in a subsequent negotiation.
- C. Changes: The rate(s) contained in this agreement are based on the organizational structure and the accounting system in effect at the time the proposal was submitted. Changes in organizational structure, or changes in the method of accounting for costs which affect the amount of reimbursement resulting from use of the rate(s) in this agreement, require the prior approval of the responsible negotiation agency. Failure to obtain such approval may result in subsequent audit disallowance.

D. Rate Type:

- 1. Fixed Carryforward Rate: The fixed carryforward rate is based on an estimate of the costs that will be incurred during the period for which the rate applies. When the actual costs for such periods have been determined, an adjustment will be made to the rate for future periods, if necessary, to compensate for the difference between the costs used to establish the fixed rate and the actual costs.
- 2. Provisional/Final Rates: Within 6 months after year end, a final indirect cost rate proposal must be submitted based on actual costs. Billings and charges to contracts and grants must be adjusted if the final rate varies from the provisional rate. If the final rate is greater than the provisional rate and there are no funds available to cover the additional indirect costs, the organization may not recover all indirect costs. Conversely, if the final rate is less than the provisional rate, the organization will be required to pay back the difference to the funding agency.
- 3. Predetermined Rate: The predetermined rate contained in this agreement is based on estimated costs which will be incurred during the period for which the rate applies and is normally not subject to subsequent carry-forward adjustments. However, if material changes occur in the grantee/contractor's cost structure, adjustments to the rate may be necessary to compensate for the effects of such changes.
- E. Agency Notification: Copies of this document may be provided to other federal offices as a means of notifying them of the agreement contained herein.
- F. Record Keeping: Organizations must maintain accounting records that demonstrate that each type of cost has been treated consistently either as a direct cost or an indirect cost. Records pertaining to the costs of program administration, such as salaries, travel, and related costs, should be kept on an annual basis.
- G. Reimbursement Ceilings: Grantee/contractor program agreements providing for ceilings on indirect cost rate(s) or reimbursement amounts are subject to the ceilings stipulated in the contract or grant agreements. If the ceiling rate is higher than the negotiated rate in Section I of this agreement, the negotiated rate will be used to determine the maximum allowable indirect cost.

- H. Use of Other Rate(s): If any federal programs are reimbursing indirect costs to this grantee/contractor by a measure other than the approved rate(s) in this agreement, the grantee/contractor should credit such costs to the affected programs, and the approved rate should be used to identify the maximum amount of indirect cost allocable to these programs.
- I. Central Service Costs: Where central service costs are estimated for the calculation of indirect cost rate(s), adjustments will be made to reflect the difference between provisional and final amounts.

J. Other:

- 1. The purpose of an indirect cost rate is to facilitate the allocation and billing of indirect costs. Approval of the indirect cost rate does not mean that an organization can recover more than the actual costs of a particular program or activity.
- 2. Programs received or initiated by the organization subsequent to the negotiation of this agreement are subject to the approved indirect cost rate if the programs receive administrative support from the indirect cost pool. It should be noted that this could result in an adjustment to a future rate.
- 3. New indirect cost proposals are necessary to obtain approved indirect cost rate(s) for future fiscal or calendar years. The proposals are due in our office 6 months prior to the beginning of the year to which the proposed rate(s) will apply.

Section III: Acceptance

Listed below are the signatures of acceptance for this agreement:

By the State & Local Government:

By the Cognizant Federal Government Agency:

State of Colorado
Department of Natural Resources
State/Local Government

Signatur

(b) (6)

Title

6/13/2014

Date

